#### PATENT COOPERATION TREATY





# TRANSLATION INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference	(1 C) Atticle 30 and Rule /	<del></del>		
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<u> </u>	FOR FURTHER ACTION	See Form PCT/IPEA/416		
International application No.	nternational filing date (day/month/ye	ear) Priority date (day/month/year)		
PCT/CN2004/000682	24.Jun.2004 (24.06.2004)	19.Sep.2003 (19.09.2003)		
International Patent Classification (IPC) or nat	ional classification and IPC			
See supplemental box				
Applicant				
SUN, Tengchen et al.				
This report is the international preliminar under Article 35 and transmitted to the approximately approximate	y examination report, established by oplicant according to Article 36.	this International Preliminary Examining Authority		
2. This REPORT consists of a total of 4		luding this cover sheet.		
This report is also accompanied by ANNI		adding this cover sneet.		
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a. (sent to the applicant and to the International Bureau) a total of 17 sheets, as follows:    Sheets of the description, claims and/or drawings which have been amended and are the basis of this report and/or sheets containing rectifications authorized by this Authority (see Pull 2016).				
	ons authorized by this Authority (see	een amended and are the basis of this report and/or e Rule 70.16 and Section 607 of the Administrative		
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the disclosure in the internal Box.	ner sheets, but which this Authority ational application as filed, as indication as filed, as indication as filed.	considers contain an amendment that goes beyond ated in item 4 of Box No. I and the Supplemental		
b. [] (sent to the International Bu	reau only) a total of (indicate typ	on and number of electricity		
a sequence risting all	VOL ISDIES related thereto, in electro-	nio forma pulsa anti-titati di di di		
f the Section 602 of the Administrative instructions).				
4. This report contains indications relating t				
⊠ Box No. I Basis of the report				
☐ Box No. II Priority				
☐ Box No. III Non-establishment	of opinion with regard to novelty, in	ventive step and industrial applicability		
Box No. IV Lack of unity of in	vention			
Box No. V Reasoned statement	under Article 35(2) with regard to no	ovelty, inventive step or industrial applicability;		
citations and explana	ations supporting such statement			
Box No. VI Certain documents	cited			
Box No. VII Certain defects in the	e international application			
Box No. VIII Certain observation	s on the international application			
Date of submission of the demand	Date of complet	tion of this report		
11.Jan.2005(11.01.2005)		12.Jan.2006(12.01.2006)		
Name and mailing address of the IPEA/CN	Authorized offic			
The State Intellectual Property Office, the	P.R.China	YU, Xiaohuan		
6 Xitucheng Rd., Jimen Bridge, Haidian Distri 100088	ct, Beijing, China			
Facsimile No. 86-10-62019451	Telephone No.	(86-10):62085430		
Form PCT/IPEA/409 (cover sheet) (April 2005)		,		

#### INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No. PCT/CN2004/000682

Box N	o. I	Basis o	the report		
1. W	ith r		e language, this report is based on:		
Σ	< □	the intern	ational application in the language in which it was	filed	
		a translati	on of the international application into	, which	ch is the language of a
	1	translation	furnished for the purposes of:		
		∐interna	tional search (Rules 12.3(a) and 23.1(b))		
		□publica	tion of the international application (Rule 12.4(a))	)	
		□interna	tional preliminary examination (Rules 55.2(a) and	/or 55.3(a))	
t	to the	e receiving exed to this		eport is based on (replacement s 4 are referred to in this report a	heets which have been furnished s "originally filed" and are not
			ational application as originally filed/furnished		
	M	the descri	onon:		as originally filed/furnished
		pages	1.14	received by this Authority on	11.Jan.2005
		pages *		received by this Authority on	
		pages *			
	$\boxtimes$	the claims	:		
		pages			as originally filed/furnished
		pages *			th any statement)under Article 19
1		pages *	15-17	received by this Authority on	11.Jan.2005
		pages *		received by this Authority on	
	Ø	the drawi	ngs: 1-9		as originally filed/furnished
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		pages *		received by this Authority on	
1			and the state of t	tal Boy Polating to Seguence I	icting
1	Ц	a sequenc	e listing and/or any related table(s) - see Suppleme	ental Box Relating to Bequence i	210tm.6.
3.		The ame	adments have resulted in the cancellation of:		
1		□ tl	e description, pages		
		_			<del></del>
1			•		
		☐ a	ny table(s) related to sequence listing (specify):		
4.		since th	rt has been established as if (some of) the amendmey have been considered to go beyond the disclosume description, pages	ure as filed, as indicated in the St	applemental Box (Rule 70.2(c)).
		_			
		_	<del></del>		
1		_	any table(s) related to sequence listing (specify):		
	*		pplies, some or all of those sheets may be marked	"superseded."	
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## INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No. PCT/CN2004/000682

		11. 1.11	
Box No. V Reasoned statement under A	rticle 35(2)	with regard to novelty, inventive step or industrial applicabilities to the statement	ity;
citations and explanations su	tpporting s	uch statement	
1. Statement:	Claima	1 10	YES
Novelty (N)		1-19	NO NO
	Claims		_
Inventive step (IS)	Claims	1-19	YES
inventive step (15)	Claims	1-19	NO
	Clairis		_
Industrial applicability (IA)	Claims	1-19	YES
	Claims		NO
detects rain drop by the change of the circuit, it converts the change of capacircuit. Thus the detecting circuit detection in the same time, the invention has a classical detection of the same time, the invention has a classical detection of the same time, the invention has a classical detection of the same time, the invention has a classical detection of the same time, the invention has a classical detection of the same time, the invention has a classical detection of the same time.	air of combine capacitance between the characters the characters the characters are detecting a only can dose loop cotions. Claim (3);	e-shaped electrodes are arranged on the rear surface of the detector between both electrodes. Detecting circuit is provided with a ween the electrodes into the change of the oscillation frequency onge of the oscillation frequency and outputs rainfall signals.  The second claims 1-19 are disclosed by D1, thus claims 1-19 have now circuit disclosed in D1 is differ from the detecting circuit in the etect rain or fog, but also can control the operation of correspondint system, which can control the work effects of devices. The is 1-19 are not obvious to a person skilled on the basis of D1 and PCT Article 33(4), because the device claimed can be a under PCT Article 33(4), because the device claimed can be a second control to the provided	e invention. the ding devices. At detecting circuit, thus they have

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Form PCT/IPEA/409 (Supplemental Box) (April 2005)

Supplemental Box	
In case the space in any of the preceding boxes is not sufficient.	l
Continuation of: International Patent Classification (IPC) or national classification and IPC	
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G01N27/22 (2006.01) i	
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